

TENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PG4657-2/PCT	FOR FURTHER ACTION		see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/EP 03/ 00599	International filing date (day/month/year) 22/01/2003	(Earliest) Priority Date (day/month/year) 25/01/2002	
Applicant GLAXO GROUP LIMITED			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 9 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

MEDICAMENT DISPENSER

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

2a
☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP 03/00599

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

There is provided a medicament dispenser (200) for use in the delivery of a combination medicament product. The dispenser (200) comprises first and second medicament containers (201a, 201b) for containing first and second medicament active component; and first and second release means (216a, 216b) for releasing respective dose portions of the first and second medicament active component from the first and second medicament containers (201a, 201b). The first medicament active component is kept separate from the second medicament active component until the point of release thereof for delivery in combination. The first medicament active component is selected from the group consisting of salmeterol, formoterol and any salts or solvates thereof. The second medicament active component is selected from the group consisting of beclomethasone ester, fluticasone ester and any salts or solvates thereof.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/ 3/00599

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61M15/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 39823 A (INNOVATA BIOMED LTD; WILLIAMS STEVE (GB); BRAITHWAITE PHILIP (GB)) 7 June 2001 (2001-06-07) page 7, line 26 -page 30; figures 6,7 page 5, line 22 -page 6, line 7 ---	1-6, 11-13, 20,21, 31-36
X	WO 00 64519 A (HAIKARAINEN JUSSI; KOSKELA TOMMI (FI); KOIVISTO ANTTI (FI); ORION) 2 November 2000 (2000-11-02) page 3, line 21 -page 6, line 2 --- -/--	1-6, 11-13, 20,21, 31,32,34

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

19 June 2003

Date of mailing of the international search report

27/06/2003

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/ 3/00599

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/027789 A1 (GOEDE JOACHIM ET AL) 11 October 2001 (2001-10-11) page 4, left-hand column, line 19 - line 40; figure 1 page 3, left-hand column, line 17 -page 3, right-hand column, line 32 ---	1-6, 11-13, 20-22, 31,32,34
X	WO 02 04055 A (AEROGEN INC) 17 January 2002 (2002-01-17) page 3, line 14 -page 5, line 15 page 1, line 16 -page 2, line 3 ---	1,7,8, 11,12, 14,15, 20,23, 24,31, 32,34-36
X	US 5 002 048 A (MAKIEJ JR WALTER J) 26 March 1991 (1991-03-26) column 2, line 6 -column 3, line 14 ---	1-7, 20-32, 34,36
A	WO 01 98176 A (GARRILL KARL ANDREW ;GLAXO GROUP LTD (GB); WALKER RICHARD IAN (GB)) 27 December 2001 (2001-12-27) page 1, line 13 -page 2, line 23 page 7, line 6 -page 9, line 8 ---	20-30
A	US 4 811 731 A (RAND PAUL K ET AL) 14 March 1989 (1989-03-14) column 4, line 67 -column 5, line 7; figures 7,10 ---	7,9,14, 16,17
A	WO 00 45879 A (ANDERSON GREGOR JOHN MCLENNAN ;RAND PAUL KENNETH (GB); GLAXO GROUP) 10 August 2000 (2000-08-10) page 4, line 12 - line 15 ---	10,19
A	WO 01 41849 A (ANDERSON GREGOR JOHN MCLENNAN; BONNEY STANLEY GEORGE (GB); JONES A) 14 June 2001 (2001-06-14) page 6, line 17 -page 7, line 14 page 17, line 19 - line 21 page 56, line 22 -page 57, line 4 ---	1-6, 23-27
A	GB 1 387 954 A (MILES LAB) 19 March 1975 (1975-03-19) page 1, left-hand column, line 32 -page 1, right-hand column, line 74 ---	7-9, 14-17

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/ 3/00599

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 98 34664 A (WIDERSTROEM CARIN ;ASTRA AB (SE)) 13 August 1998 (1998-08-13)</p> <p>page 1, line 20 -page 4, line 5 page 9, line 23 -page 10, line 6; figures 9A,B</p> <p>-----</p>	<p>14, 16-18, 31-34</p>

INTERNATIONAL SEARCH REPORT

International application No.
T/EP 03/00599

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 37
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/3/00599

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/93/00599

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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